

**COMPILER GENERATION OF A LATE BINDING INTERFACE IMPLEMENTATION****ABSTRACT**

A compiler automatically generates a late binding interface implementation based upon programming language code and definition information. The programming language code is for implementing the late bound methods of the interface, while the definition information defines late binding interface features of the interface. The late binding interface implementation includes code for invoking one or more late bound methods through a late binding mechanism, and also can include code for directly invoking the one or more late bound methods through an early binding mechanism. The compiler can also generate client-side code for calling a late bound method of a late binding interface.

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